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22428 7590 10/20/2004
FOLEY AND LARDNER
SUITE 500
3000 K STREET NW
WASHINGTON, DC 20007
01/24/2005 HLE444 00000195 09802512
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(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/802,512	03/09/2001	Chang-Meng Hsiung	041358-0332	9222

TITLE OF INVENTION: SYSTEM FOR PROVIDING CONTROL TO AN INDUSTRIAL PROCESS USING ONE OR MORE MULTIDIMENSIONAL VARIABLES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES <i>NO</i>	\$685 <i>1400.</i>	\$0	\$685 <i>1400.</i>	01/21/2005
EXAMINER	ART UNIT		CLASS-SUBCLASS		
BARAN, MARY C	2857		702-182000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 *FOLEY & LARDNER LLP*

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Smiths Detection - Pasadena, Inc.

Pasadena, California

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

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- Publication Fee (No small entity discount permitted)
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The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number *19-0741* (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date *01/19/2005*

Typed or printed name *Phillip J. Articola*

Registration No. *38,819*

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Atty. Dkt. No. 041358-0332

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chang-Meng B. Hsiung et al.

Title: SYSTEM FOR PROVIDING CONTROL TO AN
INDUSTRIAL PROCESS USING ONE OR
MORE MULTIDIMENSIONAL VARIABLES

Appl. No.: 09/802,512

Filing Date: 03/09/2001

Examiner: Mary C. Baran

Art Unit: 2857

LETTER REQUESTING ACKNOWLEDGEMENT

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reviewing the above-captioned application file upon Allowance, the undersigned has noted that Applicants' PTO Forms SB/08 submitted with their Information Disclosure Statements filed on May 1, 2001 and January 15, 2002, have not been acknowledged by the Patent and Trademark Office.

The Patent and Trademark Office is, therefore, requested to return the initialed forms to the undersigned as soon as possible.

Respectfully submitted,

Date: January 19, 2005

By Phillip J. Articola

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